

REMARKS

All of the original claims 1-2 have been cancelled, and replaced with claims 3-15 to ensure that the Applicant sets forth with particularity what the Applicant regards as his invention.

Accordingly, substantially all of the Summary of Invention (pages 8 and 9) has been replaced to be commensurate with the newly-added claims.

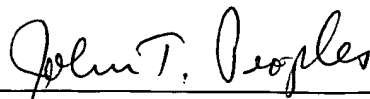
Also, the Abstract of the Disclosure has been replaced so as to describe the contents of the application with specificity.

Typographical errors on page 13 relating to Figure numbers have been amended to secure correspondence between the Figures and the specification.

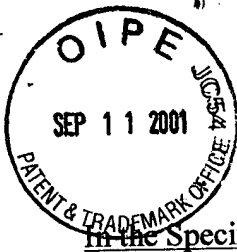
Finally, various typographical errors in the specification have been corrected.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Page 13, line 1 has been amended as follows: --FIG. ~~22B~~21B depicts a (1 2 3) permutation on an  $8 \times 8$  exchange;--

Page 13, line 2 has been amended as follows: --FIG. ~~22C~~21C depicts a (3 1) permutation on an  $8 \times 8$  exchange;--

Page 13, line 3 has been amended as follows: --FIG. ~~22D~~21D depicts a combined (1 4)(2 3) permutation on an  $8 \times 8$  exchange;--

Page 206, line 13 has been amended as follows: -- network". The multicast hybrid network ~~consists~~is composed of n "super stages" of multicast --.

Page 210, line 2 has been amended as follows: -- The  $b2^n$  outputs of the multicast hybrid network are in  $2^n$  groups of ~~the size~~ --.